

Abstract of the Disclosure

FLUID LOSS REDUCER FOR HIGH TEMPERATURE AND HIGH PRESSURE
WATER-BASED MUD APPLICATION

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The present invention concerns a water-based drilling mud for utilization in the drilling of oil wells comprising an aqueous phase wherein the aqueous phase contains an oil soluble polymer in the form of a gel as fluid loss reducer.

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The subject invention further reveals a process for preparing an oil soluble polymer fluid loss control agent comprising the steps of dissolving at least one polymer in a hydrocarbon oil to form a clear solution or a gel, adding an emulsifier to the solution or the gel, and keeping the mixture under conditions of agitation until a clear creamy mixture is obtained.

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